

Sheet 1 of 22

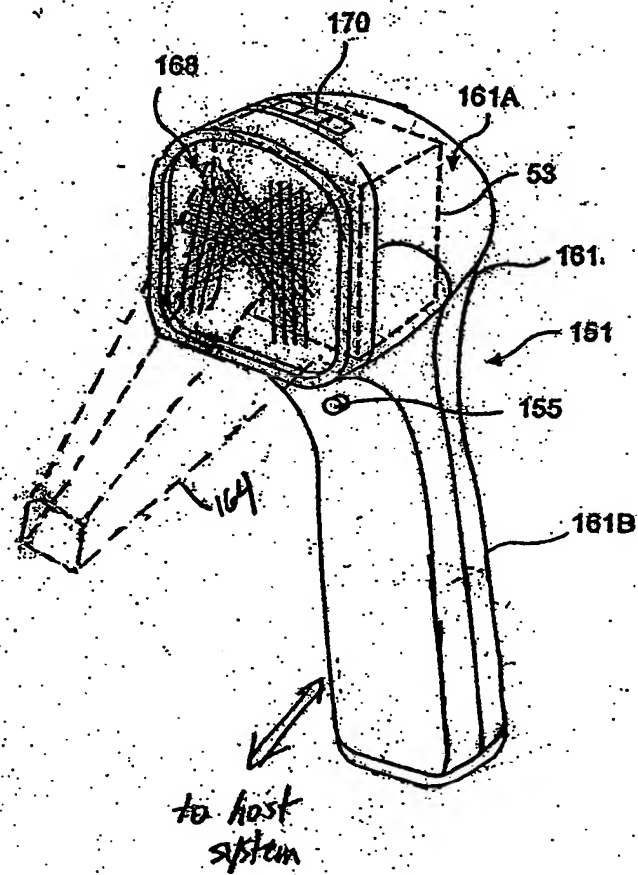


FIG. 1A

20080402440000

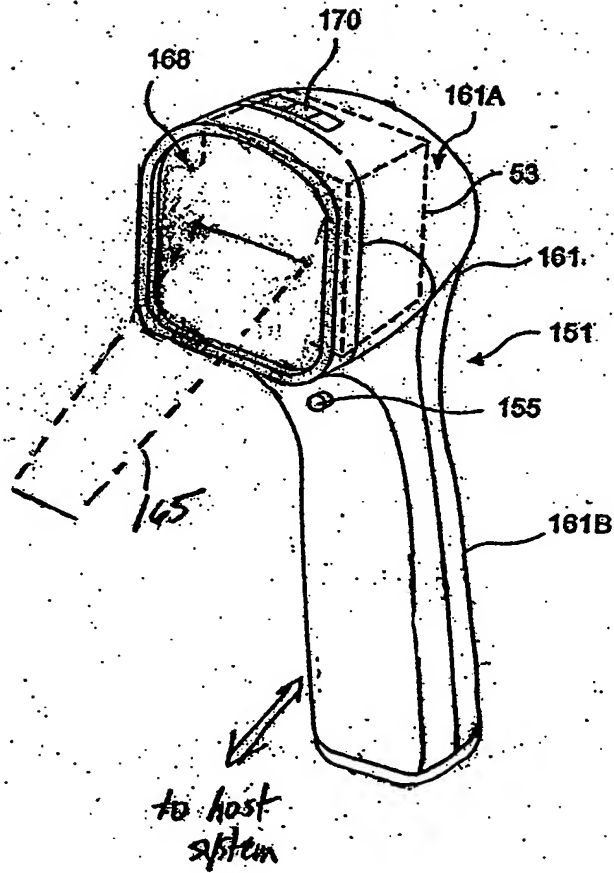


FIG. 1B

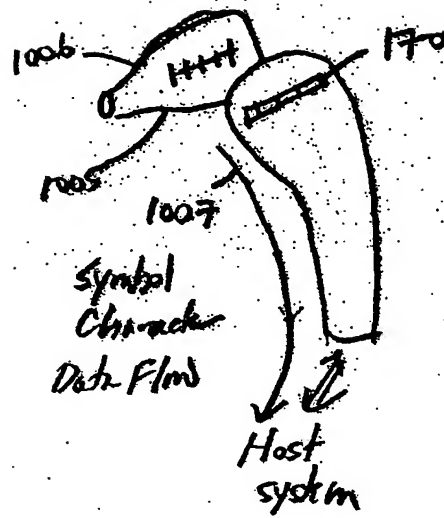


FIG. 2A

208040 " 24E400T

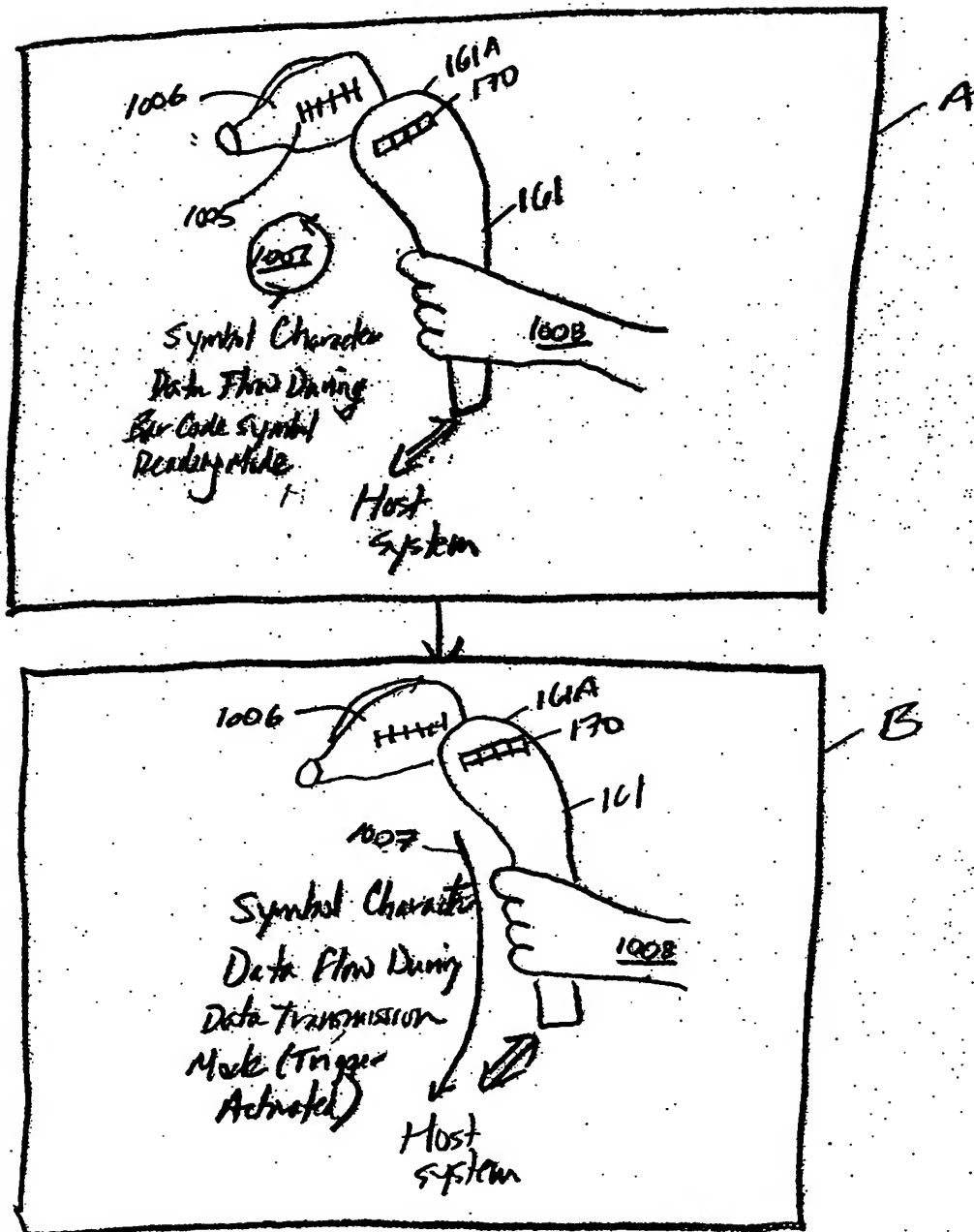


FIG. 2B

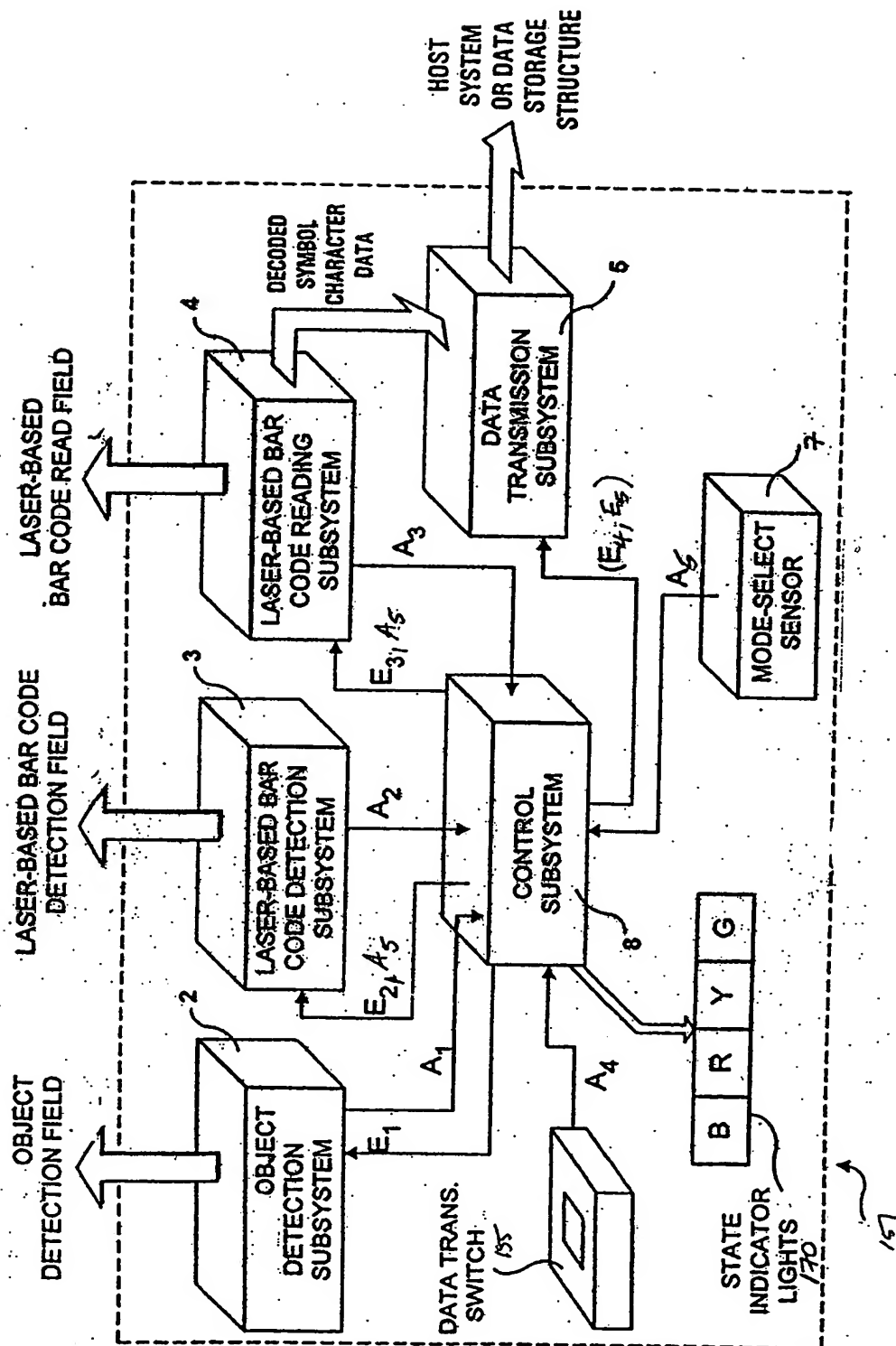


FIG. 3

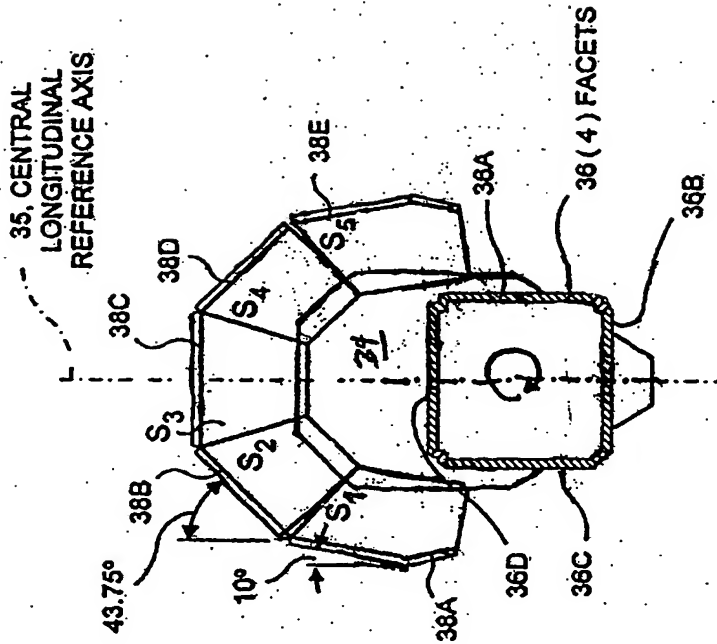


FIG. 4A

	TWIST α	BEND θ
S_{1-5}	10°	46.0°
S_{2-4}	43.75°	42.5°
S_3	90°	40.5°

FIG. 5B

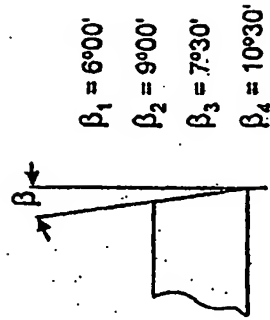


FIG. 5A

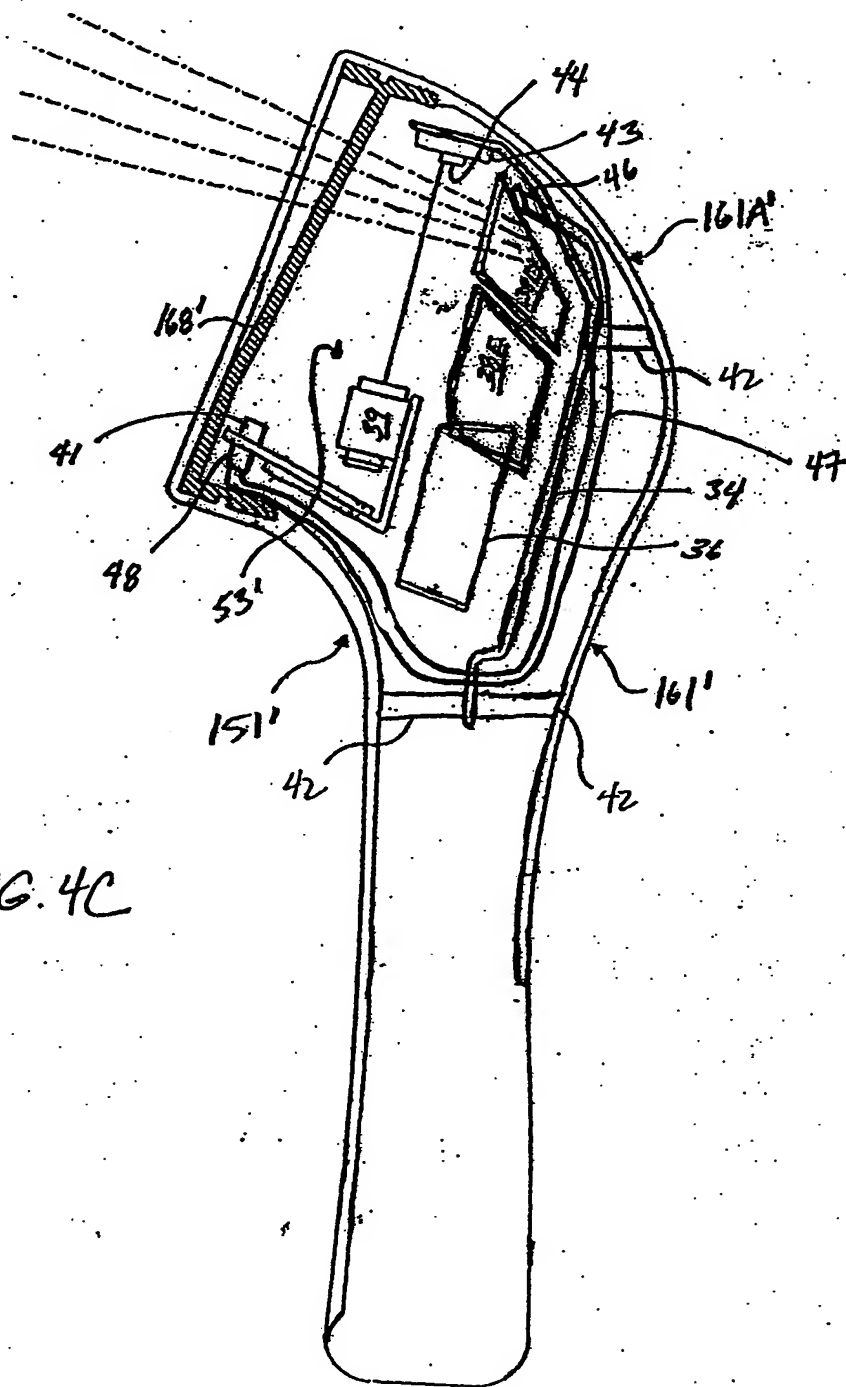
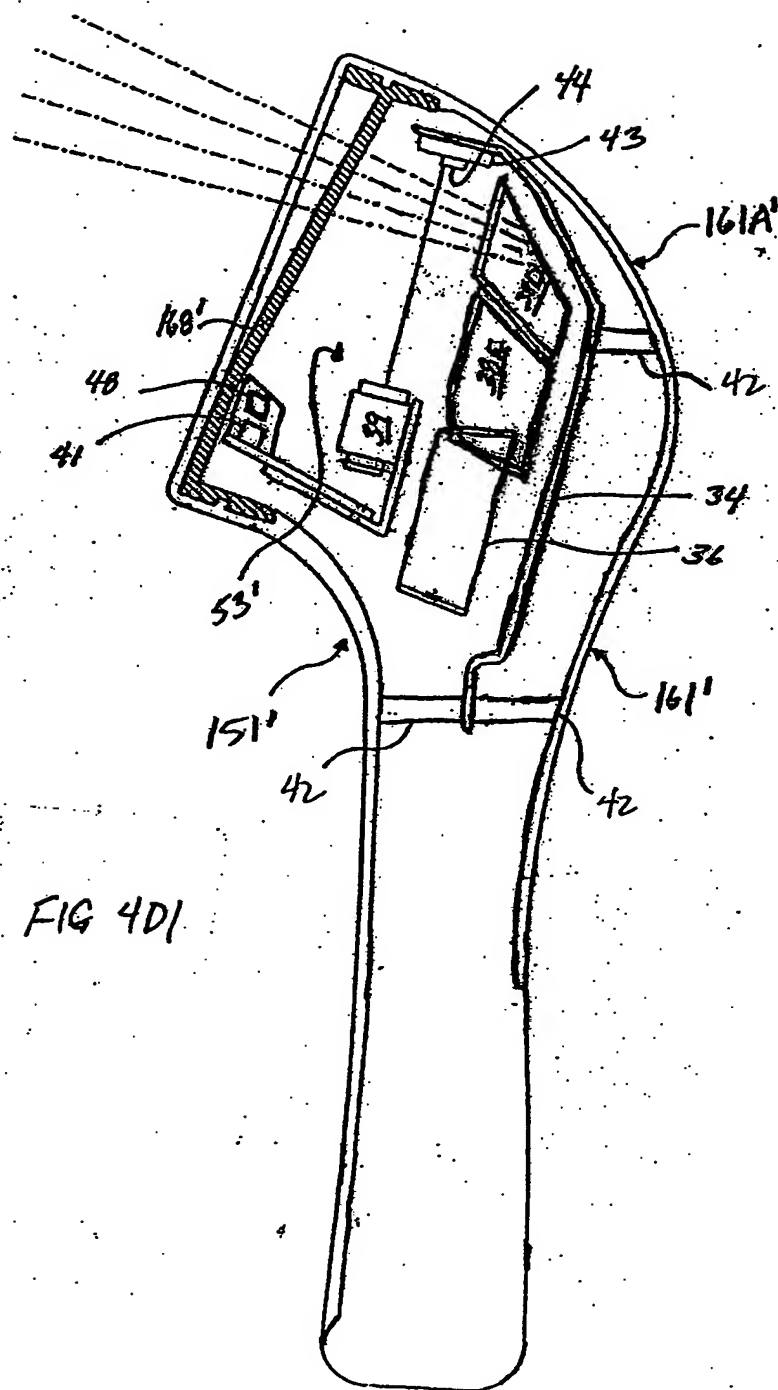


FIG. 4C

10014342-040802



208040-24E100T
10014342-040802

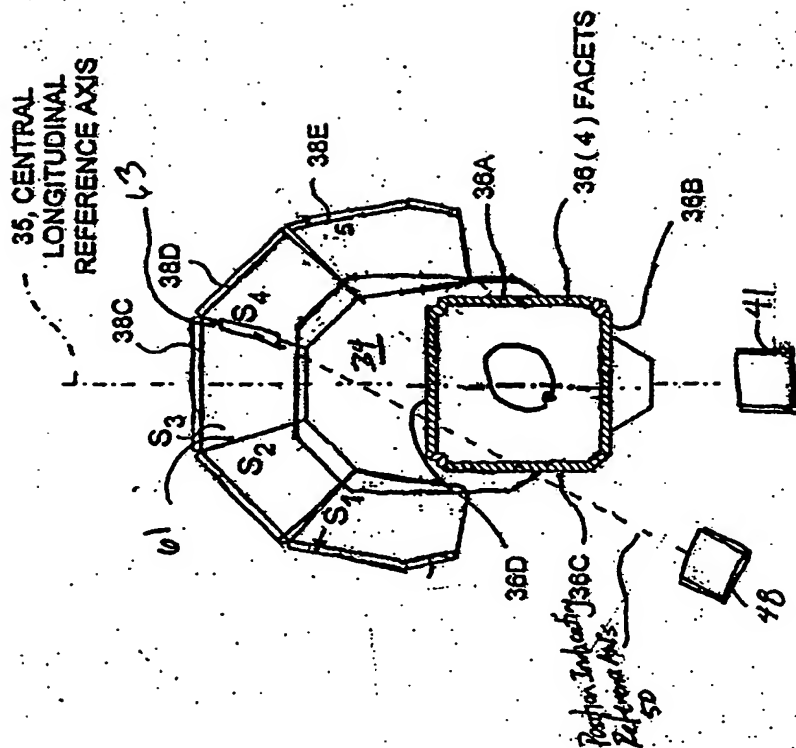


FIG. 4D2

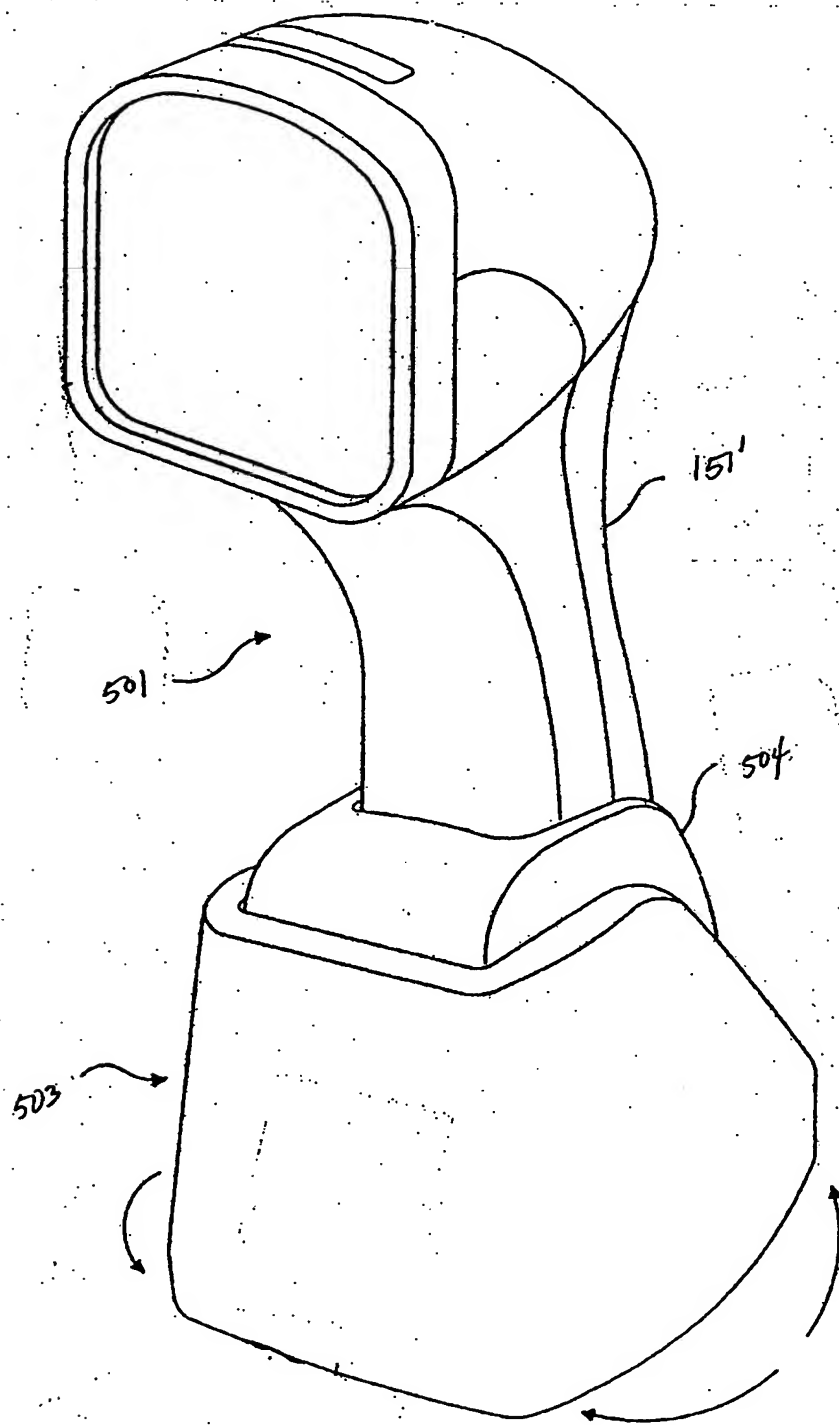
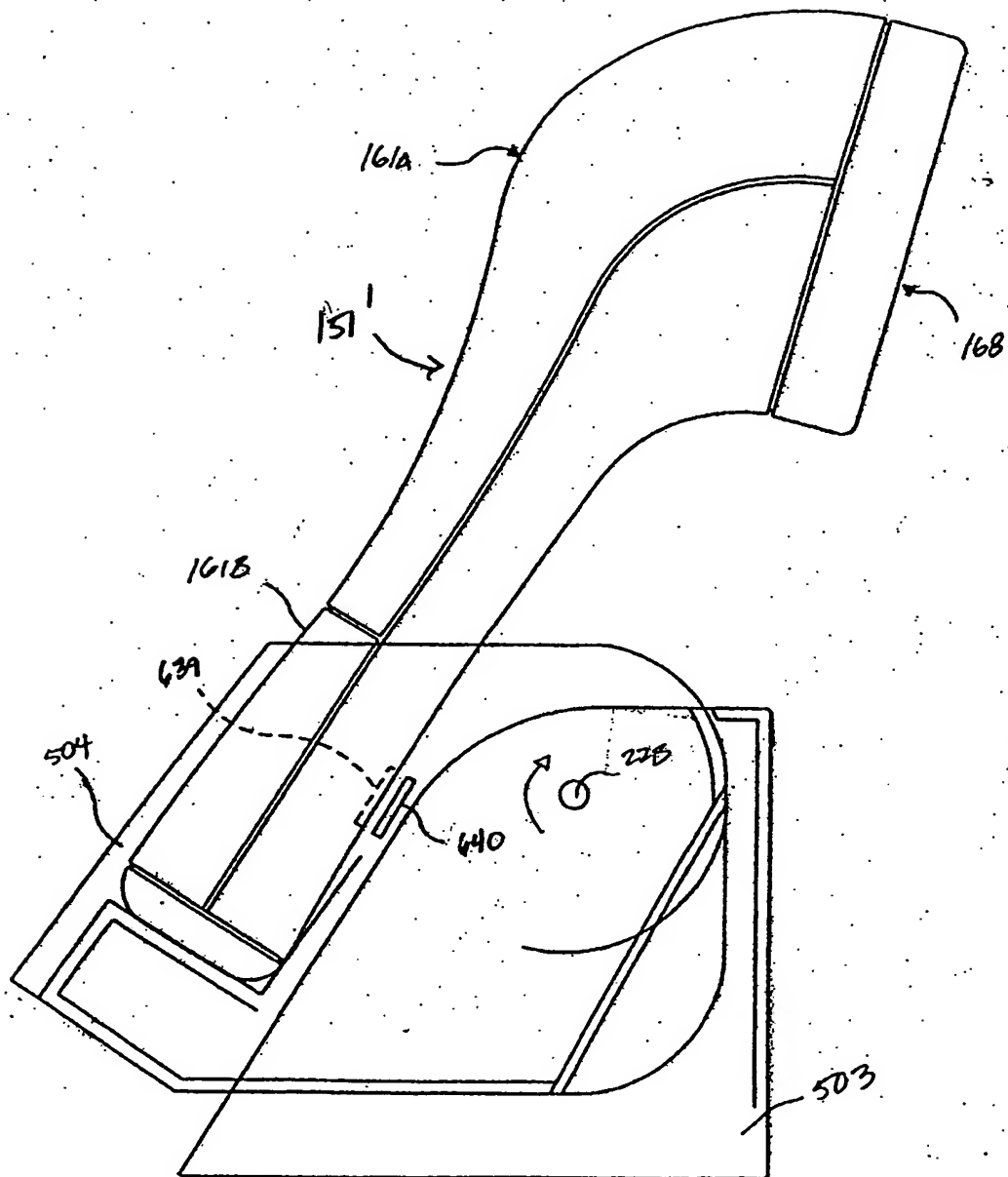
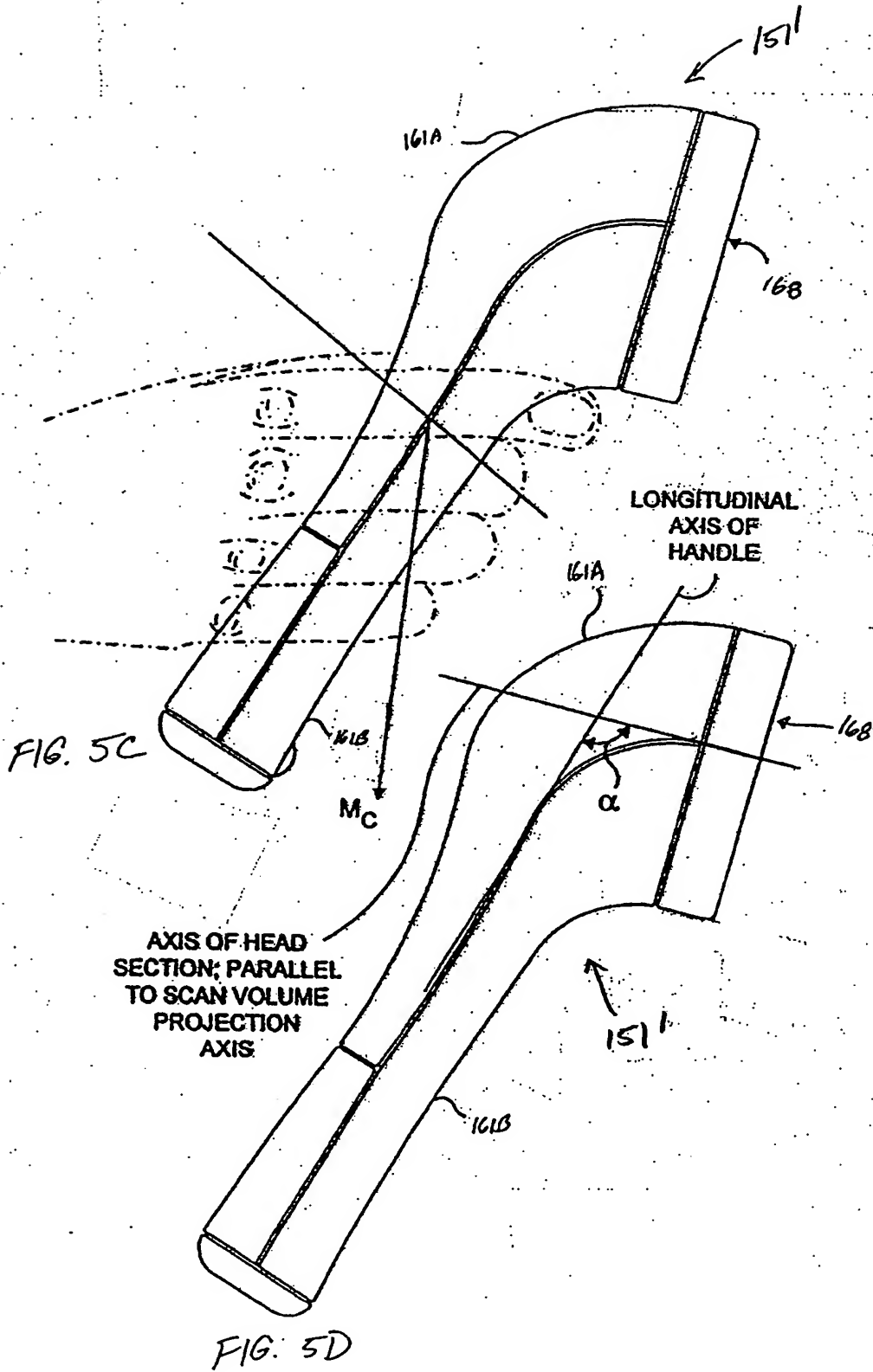


FIG. 5A





208040-244700T

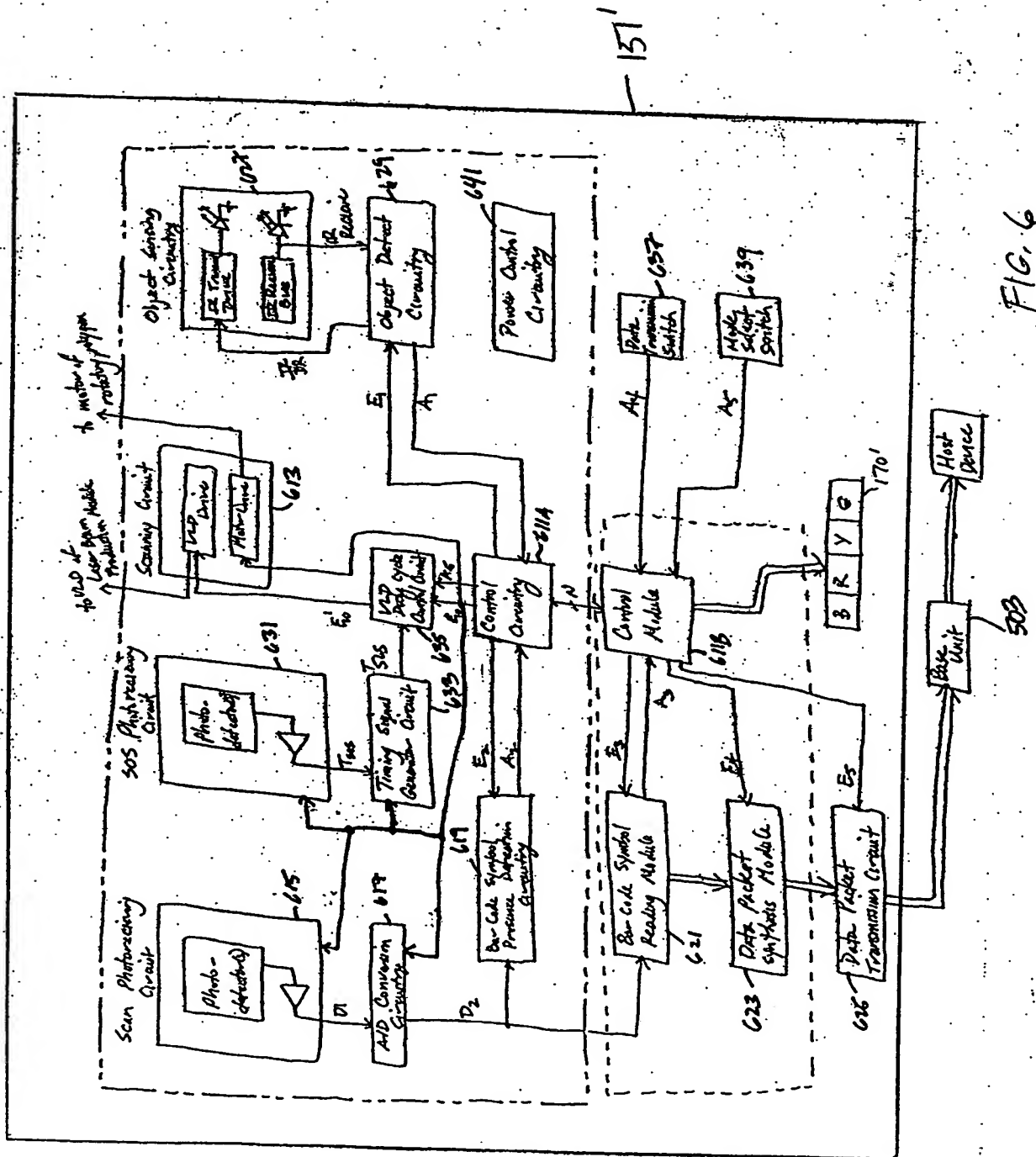


FIG. 6

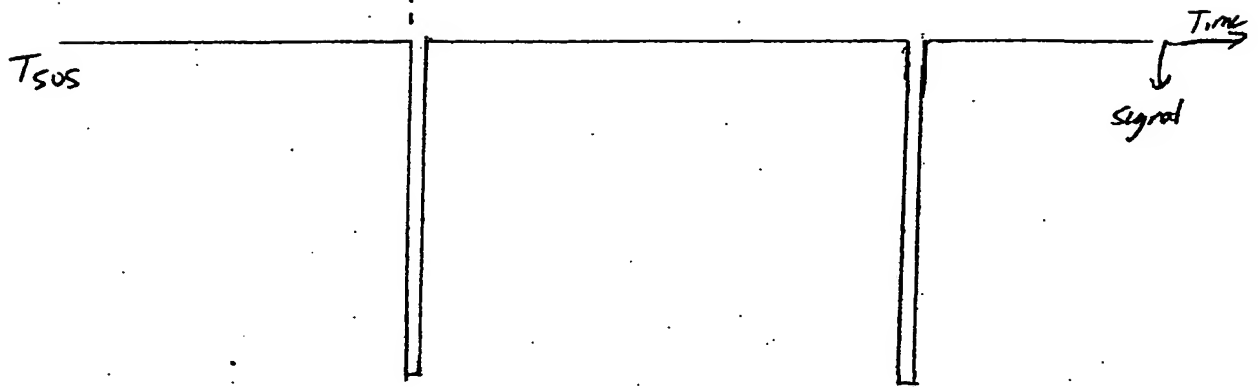


FIG. 7A

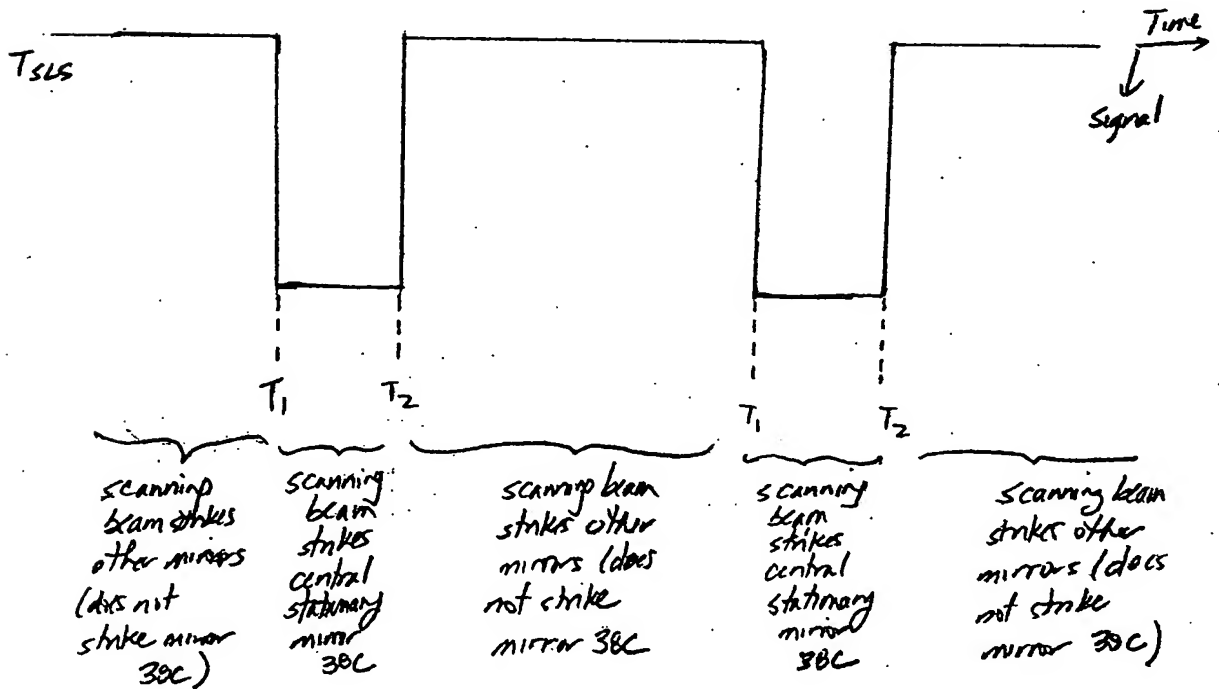


FIG. 7B

$$E_{10}' = (\overline{T_{SLS}} \cdot E_{10} \cdot A_S) + (E_{10} \cdot \overline{A_S})$$

FIG. 7C

208040" 24E4T00F

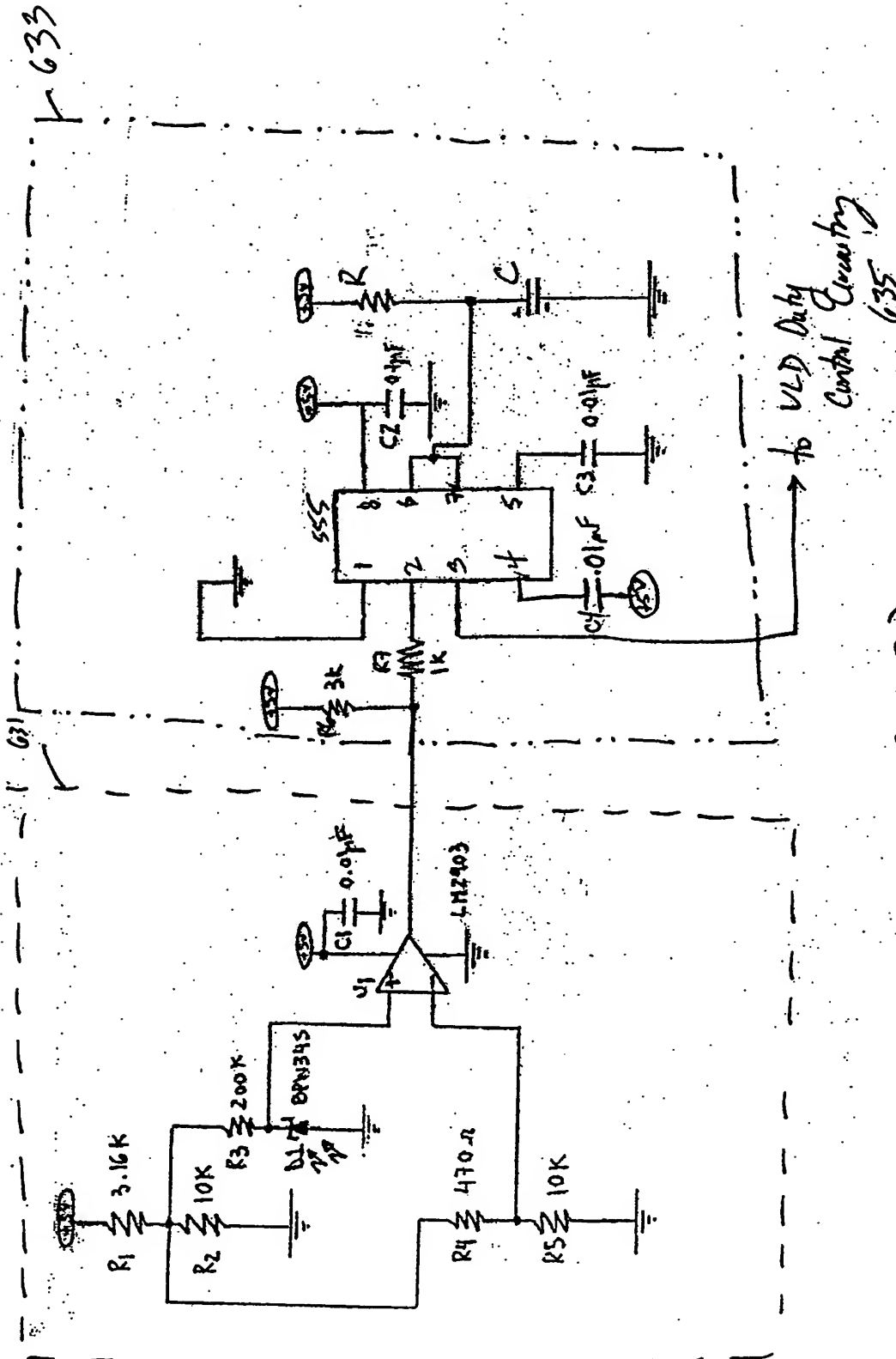


FIG. 7D

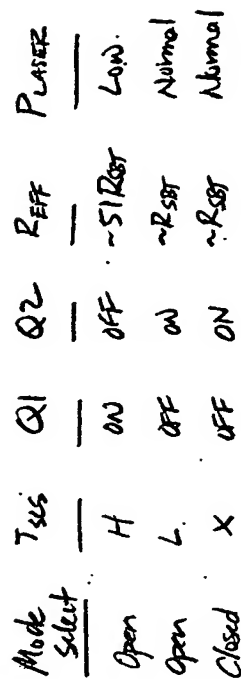


FIG. 7E

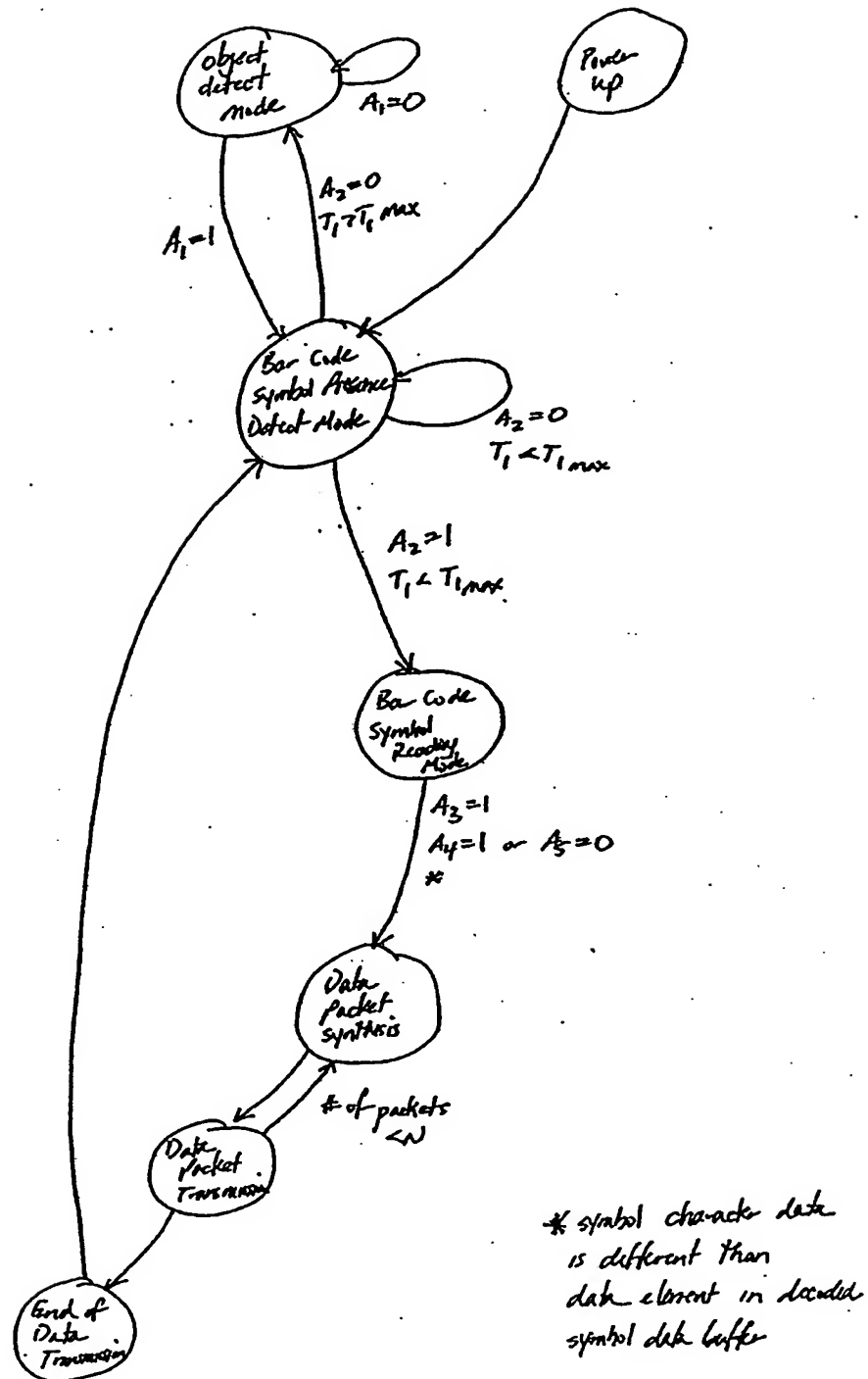


FIG. 8

208040 2447007

10014342.040802

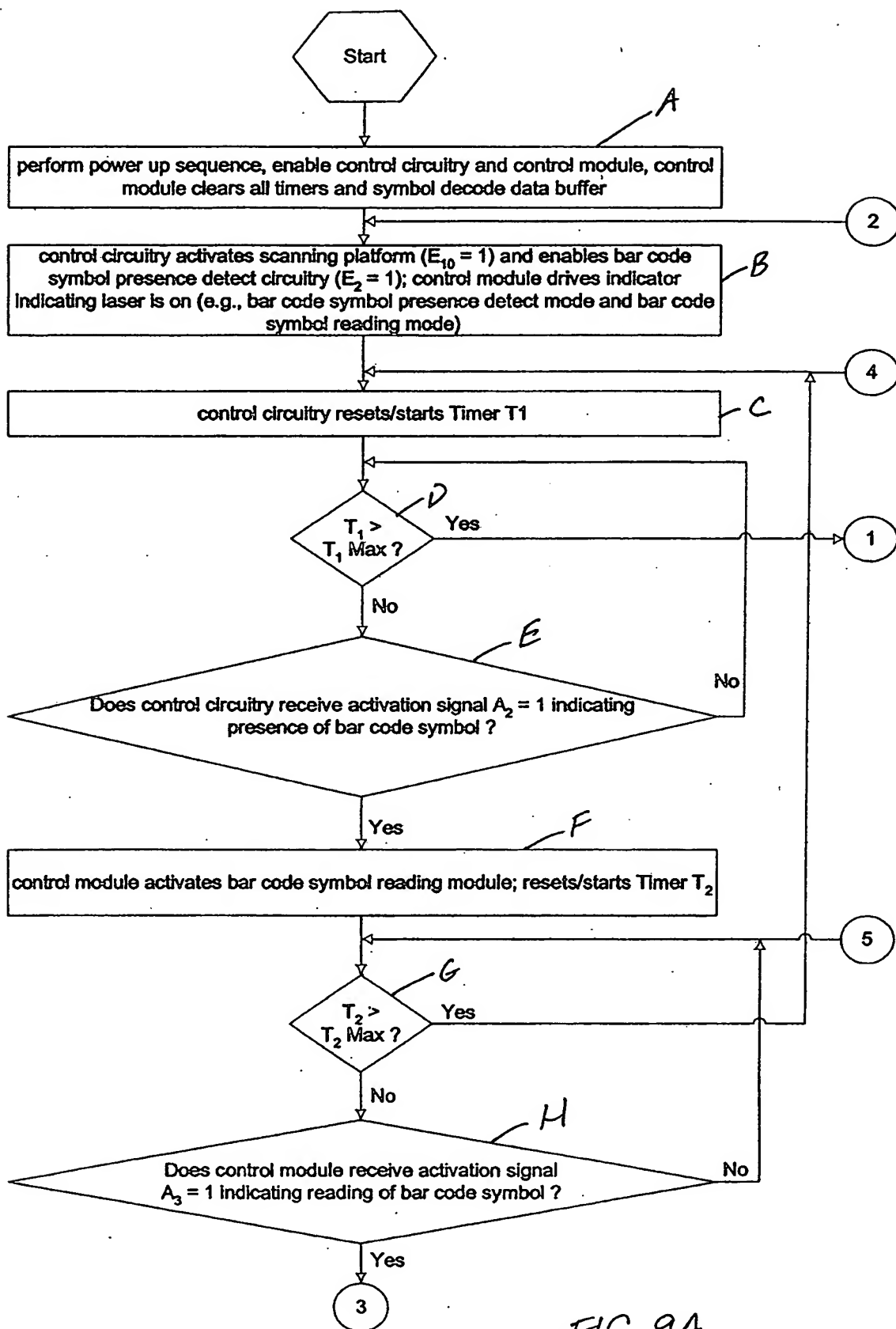


FIG. 9A

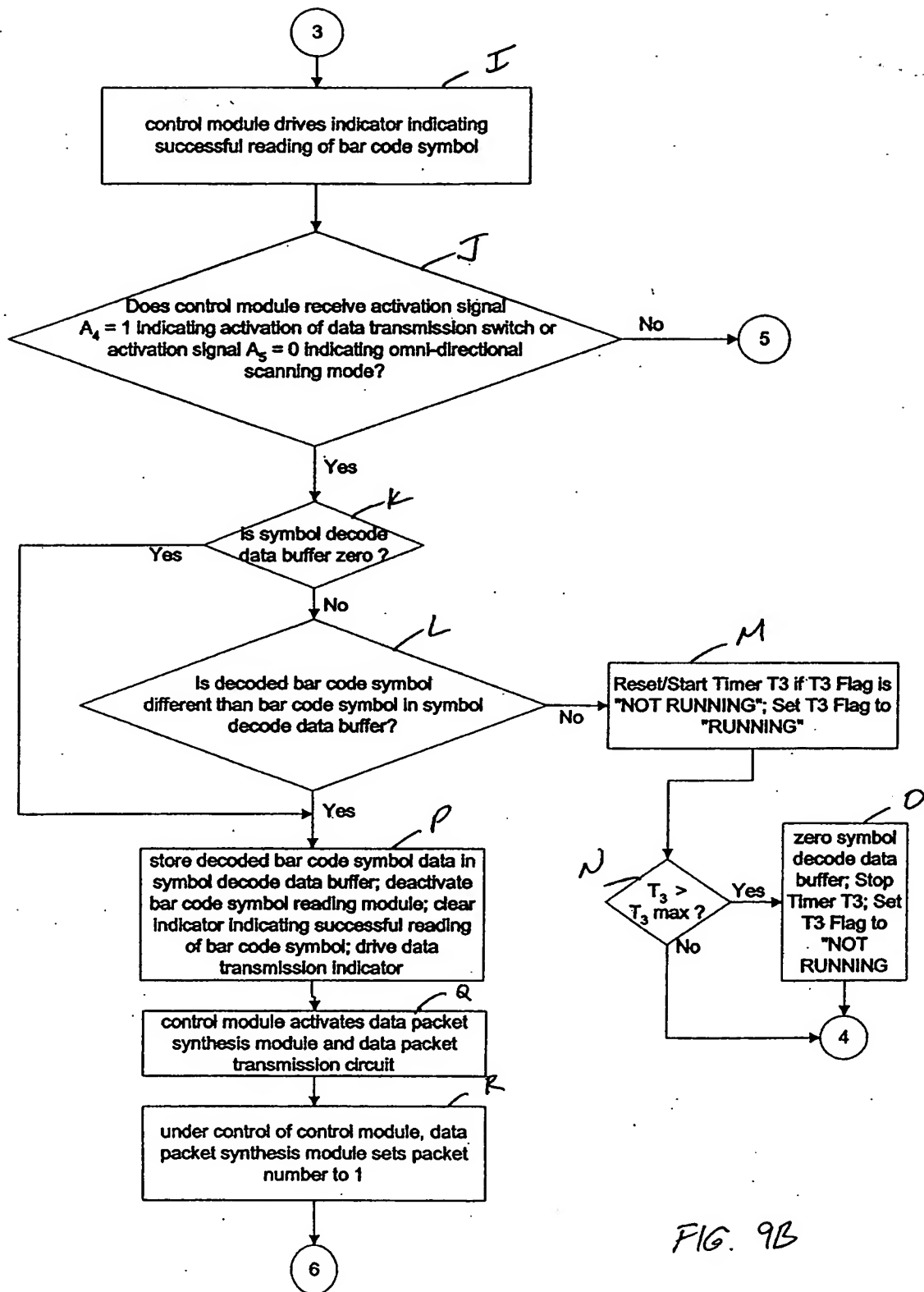


FIG. 9B

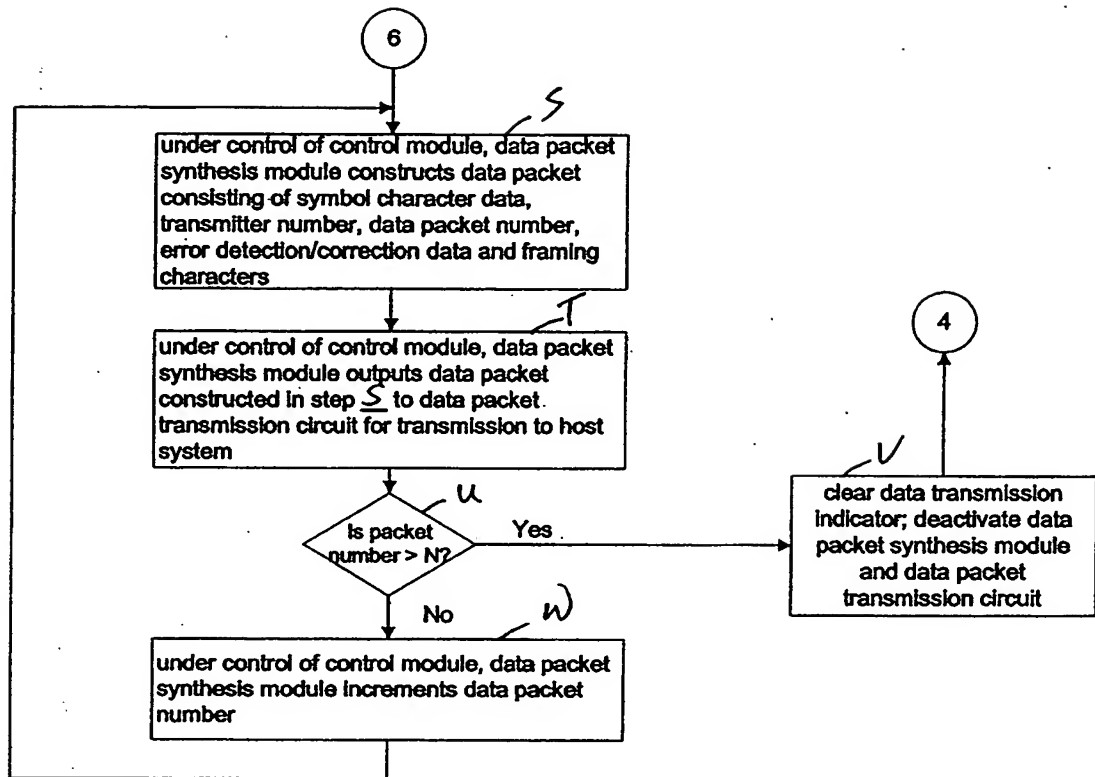


FIG. 9C

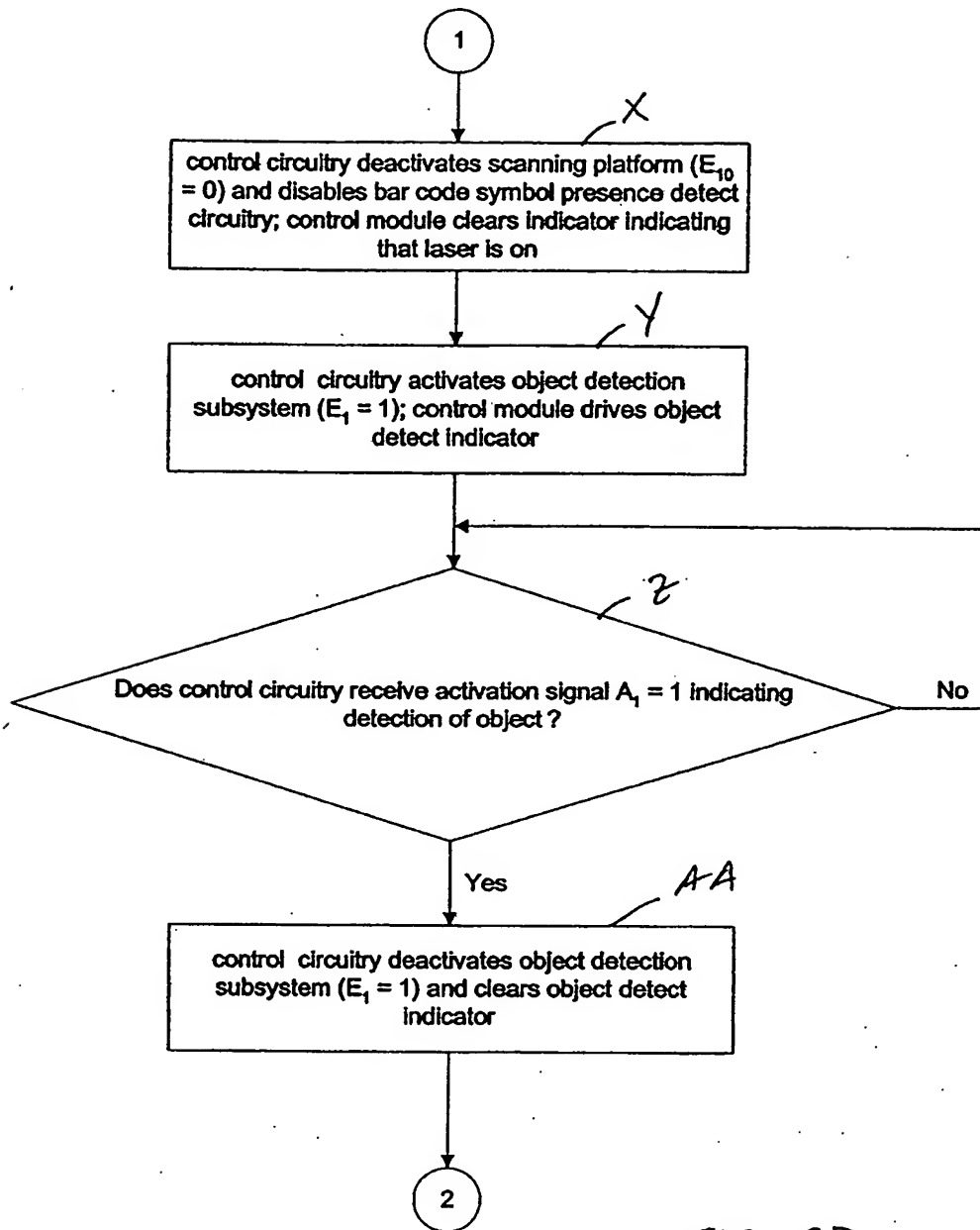


FIG. 9D

208040-24E4F00F